



## Tentative Schedule, 1957-1958

### FALL SEMESTER

Tuesday Evenings (7:30-9:10)

- |          |                               |
|----------|-------------------------------|
| Ed 512   | Philosophy of Education       |
| Math 521 | Basic Concepts in Mathematics |

Thursday Evenings (7:30-9:10)

- |        |                                                    |
|--------|----------------------------------------------------|
| Ed 515 | Elements of Research                               |
| El 533 | Reading Disabilities of Elementary School Children |

Saturday Mornings (9:00-10:40)

- |          |                                    |
|----------|------------------------------------|
| Geog 521 | Advanced Human Geography           |
| EngS 521 | Studies in Modern European Fiction |
- (10:50-12:30)

- |        |                                             |
|--------|---------------------------------------------|
| El 531 | Curriculum Problems in Elementary Education |
| El 532 | Studies in Child Adjustment and Guidance    |

### SPRING SEMESTER

Tuesday Evenings (7:30-9:10)

- |         |                                 |
|---------|---------------------------------|
| Art 521 | Contemporary Movements in Art   |
| Ed 513  | Social Foundations of Education |

Thursday Evenings (7:30-9:10)

- |        |                                             |
|--------|---------------------------------------------|
| El 531 | Curriculum Problems in Elementary Education |
| Ed 515 | Elements of Research                        |

Saturday Mornings (9:00-10:40)

- |          |                                                 |
|----------|-------------------------------------------------|
| EngS 522 | Contemporary Principles and Practices in Speech |
| Math 521 | Basic Concepts in Mathematics                   |
- (10:50-12:30)
- |        |                                                    |
|--------|----------------------------------------------------|
| El 532 | Studies in Child Adjustment and Guidance           |
| El 533 | Reading Disabilities of Elementary School Children |
- 

### Graduate Council

I. L. Stright, Chairman

Edward W. Bieghler, Secretary

Ralph W. Cordier

William E. Lafranchi

Dwight Sollberger

John E. Davis

P. David Lott

George A. W. Stouffer

S. Trevor Hadley

Joy E. Mahachek

Albert J. Wahl

Arthur F. Nicholson

Indiana State Teachers College  
Graduate Study Bulletin

# The Master's Degree

February, 1958  
Indiana, Pennsylvania



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*Indiana State Teachers College, including the graduate program is accredited by the Middle States Association of Colleges and Secondary Schools, and the National Council for Accreditation of Teachers Education.*

# GRADUATE STUDY

## at Indiana State Teachers College

WILLIS E. PRATT, A.M., PH.D., LL.D.  
*President*

### Objectives and Philosophy of the Graduate Program in Elementary Education

The primary purposes of the graduate program at State Teachers College, Indiana, Pennsylvania, leading to the Master of Science Degree in Education in the field of Elementary Education are to increase the competence of elementary teachers in Pennsylvania; to stimulate greater awareness in our teachers of educational philosophies and problems in order that they may assume responsible roles in the educational programs of their communities; and to provide an incentive for continued professional growth. Probably the principal characteristic of the proposed program is its single objective — the preparation of better teachers for elementary schools.

### Admissions Policy for Graduate Study

Admission to graduate studies shall be administered by the Director of Graduate Studies and the Graduate Council. They shall be guided by the following principles:

1. The applicant shall present a Bachelor's Degree from a college or university that is accredited by the Middle States Association of College, and Secondary Schools, or the appropriate regional accrediting agency.
2. The applicant shall present a transcript of his undergraduate work showing at least a 1.5 honor point value as determined by a grading system in which a B grade is given a 2 honor point value and a C grade a 1 honor point value.
3. The applicant shall possess a Pennsylvania Teacher Certificate or its equivalent.

Admission to graduate study does not carry with it admission to candidacy for the Master's Degree. Admission to candidacy for the degree may be granted only after 6 semester hours of graduate work has been successfully completed at Indiana.

Applicants who fail to satisfy the foregoing principles may be admitted conditionally upon the basis of a standard entrance examination.

### Steps Necessary for Admission

1. The applicant will file an application for graduate study with the Director of Graduate Studies. Write to Dr. I. L. Straight, Director of Graduate Studies, for application forms.
2. Each applicant will present transcripts in duplicate of all undergraduate work taken for the Bachelor's Degree. Transcripts of previous work taken at Indiana need not be submitted.
3. Each applicant will have a personal interview with an assigned faculty member.
4. If the undergraduate transcript represents an honor point value of less than 1.5, the applicant must take the standard examination which will be scheduled periodically.

### Admission to Candidacy for the Degree

At any time after earning at least six semester hours of graduate work and no more than twelve semester hours of graduate work, the applicant will apply for admission to candidacy for the Master's Degree. At this time, applicants may be expected to take departmental or professional examinations and must present a program of studies prepared by the candidate and his adviser, to be approved by the Graduate Council. At this point the applicant will be expected to designate whether he will do a research thesis for credit or a research project.

### Research Requirements for Graduate Degree

After being accepted for admission to candidacy for the degree, the graduate student will select one of two research alternatives:

1. A master's degree thesis which may be submitted for from two to four semester hours credit in his area of specialization. The approval of the candidate's thesis subject and over-all direction of it will be the joint responsibility of his adviser, the chairman of his department, and the coordinator of research. All completed theses must then be approved by an examining committee composed of the faculty adviser, the department chairman, the coordinator of research, and, in most cases, by other staff members. Brief abstracts of all graduate theses will be published annually in the college research bulletin.
2. A research project demonstrating proficiency in documented research writing or a creative project in a fine arts or practical arts field. These research projects will be under the direction of the student's faculty adviser. The coordinator of research will hold no direct responsibility for the quality of these projects but will serve in an advisory capacity and may help establish standards to ensure quality and uniformity among departments.

It will be the responsibility of each graduate student to get a *Research Option Form* from the graduate school office. This form will

enable him to indicate his choice of the above alternatives. It will be the responsibility of the graduate student to get the approval of a faculty member to serve as his adviser. The same form provides space to record this approval and, when completed, should be filed in the graduate school office.

### **Credit By Transfer**

Indiana will admit to its graduate program transfer students from other accredited graduate schools provided they are in good standing in those schools and satisfy Indiana's basic admission requirements. A maximum of 12 semester hours of work done elsewhere will be accepted provided they represent courses that fit the Indiana program and have earned a grade of at least "B." Such transfer credit must have the approval of the Graduate Council.

### **Semester Hours Required**

A minimum of thirty semester hours of approved graduate work beyond a Bachelor's Degree is required. A student who is teaching full-time will be limited to four semester hours of work per semester. The number of semester hours obtained during summer sessions shall not exceed the number of weeks of attendance.

### **Time Limit**

Thirty semester hours must be completed within the five-year period immediately preceding the date when all the requirements for the degree are completed. For justifiable reasons the Graduate Council may extend this period.

### **Residence**

A minimum of ten semester hours will be required to be taken during summer sessions. Courses taken prior to September 1957 at Indiana State Teachers College may not be used as graduate work.

### **Scholarship Requirement**

A candidate must have maintained a grade point average of 3.0, (B), in all work taken after receiving the Bachelor's Degree. Only grades of "A", "B", or "C" are acceptable toward a Master's Degree. Marking system: grade of "A", 4 quality points; "B", 3 quality points; "C", 2 quality points.

### **Curriculum for Master of Science Degree in Education**

Students working for this degree in Elementary Education will complete the thirty (30) semester hours of work in accordance with the following divisions:

- I. GENERAL STUDIES — fourteen to eighteen (14-18) semester hours of work in General Studies to be selected from the following courses:

Art	521	Contemporary Movements in Art .....	2 s.h.
Bus.	521	Economic Backgrounds of Business .....	2 s.h.
HE.	521	Problems in Family Living .....	2 s.h.
Mus.	521	Music Literature and Materials .....	2 s.h.
EngS.	521	Studies in Modern European Fiction .....	2 s.h.
EngS.	522	Principles and Practices in Speech Improvement .....	2 s.h.
EngS.	523	Grammar of American English .....	2 s.h.
Geog.	521	Advanced Human Geography .....	2 s.h.
HPe.	521	Advanced Seminar in Health and Safety .....	2 s.h.
Math.	521	Basic Concepts in Mathematics .....	2 s.h.
Sci.	521	Recent Advances in Science .....	2 s.h.
SS.	521	Contemporary American Issues .....	2 s.h.
FL.	521	Language and Society .....	2 s.h.
FL.	522	Applied Linguistics .....	2 s.h.

II. PROFESSIONAL STUDIES — eight to ten (8-10) semester hours of work, including Research Paper or the Thesis, to be selected from the following:

Psy.	531	Psychology of the Exceptional Child .....	2 s.h.
Psy.	532	Studies in Child Adjustment and Guidance .....	2 s.h.
El.	531	Curriculum Problems in Elementary Education .....	2 s.h.
El.	533	Reading Disabilities of Elementary School Children .....	2 s.h.
El.	541	Special Problems in Elementary Social Studies .....	2 s.h.
El.	542	Arithmetic in the Elementary School .....	2 s.h.
El.	543	Resource Materials in Elementary Science .....	2 s.h.
El.	544	Recent Trends in Elementary Language Arts .....	2 s.h.
El.	545	Experimental Studies in Art Education .....	2 s.h.
El.	546	Modern Procedures and Skills in Elementary Music .....	2 s.h.
Ed.	516	Statistical Methods in Education .....	2 s.h.
Ed.	550	Thesis Project .....	2 to 4 s.h.

III. FOUNDATIONS OF EDUCATION — two (2) semester hours of work to be selected from the following courses:

Ed.	511	Historical Foundations of Education .....	2 s.h.
Ed.	512	Philosophy of Education .....	2 s.h.
Ed.	513	Social Foundations of Education .....	2 s.h.

IV. RESEARCH TECHNIQUES — the following course is required. It should be scheduled early in the student's program:

Ed.	515	Elements of Research .....	2 s.h.
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## COURSE DESCRIPTIONS

### I. General Studies

#### **Art 521 Contemporary Movements in Art 2 cr.**

Current philosophies and trends in fine arts and art education as they apply to human growth and development will be studied. Research and round table discussion of contemporary art forms will help the stu-

dent to discover the concepts involved in art expression and how they evolved.

**Bus. 521 Economic Backgrounds of Business****2 cr.**

This course is designed to provide a thorough overview of the economic environment in which business and other agencies must operate. The student will gain a broad perspective of business operations through such topics as business organization and management, consumption of goods, business risks, the business cycle, budgeting and investments.

**HE. 521 Problems in Family Living****2 cr.**

Transportation, communication and technological advances with labor saving and other devices are bringing so many possibilities and changes to the home that it is necessary constantly to challenge the home's adjustment. The course will utilize knowledge and research from science, medicine, technology, sociology, economics, art and psychology in being better able to: provide food, shelter, clothing; utilize time, energy and material resources; and increase day to day satisfactions in living. Seminars and the problem solving method will be used.

**Mus. 521 Music Literature and Materials****2 cr.**

The purpose of this course is to further enhance the musical background of the elementary teacher through acquaintance with suitable literature and materials.

**EngS. 521 Studies in Modern European Fiction****2 cr.**

Outstanding novels and selected shorter fiction produced on the Continent since 1900 will be considered. Students will direct their attention to style, literary trends, and the contemporary milieu as these matters affect the interpretation of the literature.

**EngS. 522 Principles and Practices in Speech Improvement****2 cr.**

This course will provide for a study of the normal development of speech, classroom methods in speech improvement, and special consideration for children handicapped in speech or hearing. Library research, project work, demonstrations, and experimentation will be heavily stressed.

**EngS. 523 Grammar of American English****2 cr.**

In this course an examination will be made of the varieties of usage in modern American English together with a study of English sentence patterns and the functions of sentence parts.

**Geog. 521 Advanced Human Geography****2 cr.**

Advanced Human Geography will develop case studies of particular regions in various parts of the world and will analyze, where appropriate, the effect of geography on major events in the news. The course builds onto the principles of geography learned in undergraduate World Geography.

**HPe 521 Advanced Seminar in Health and Safety****2 cr.**

This course will explore the basic health and safety needs of students. It will deal primarily with the results of a study of scientific articles on health which have appeared in medical, public health and allied professional journals over a period of five years. The chief purpose is to orient the student to this vast field of ever changing data in health and safety and to have him utilize it for his own consumption.

**Math. 521 Basic Concepts in Mathematics****2 cr.**

This course aims to develop an understanding of mathematics as a system of thought and will include such topics as kinds of number, scales of notation, the nature of arithmetic operations, basic principles of general numbers and measurements, the history and development of number and some of the contributions to our civilization, and elementary discussions of mathematics developed in the past one hundred years.

**Sci. 521 Recent Advances in Science****2 cr.**

Designed to bring the student up-to-date with the more recent developments in the field of science that have taken place in the past twenty-five years, this course assumes a background of information of the fundamentals of biological science and physical science.

**SS. 521 Contemporary American Issues****2 cr.**

This course will be conducted in seminar fashion, centering its attention on one or two major contemporary American issues. Class procedure will include lectures, oral reports, and a term paper.

**FL. 521 Language and Society****2 cr.**

The work of this course is designed to inform the student as to the salient facts of language and its fundamental role in the development and continuity of society and culture. Some points considered are: language families and their characteristics, factors of linguistic change and development, reciprocal influences of culture and language, linguistic borrowing, language and religion, and systems of writing.

**FL. 522 Applied Linguistics (See Page 12).****II. Professional Studies****Psy. 531 The Psychology of the Exceptional Child****2 cr.**

This course is designed to aid the student in meeting the needs of those children who deviate from the typical in areas of physical, mental, emotional, and educational development. Consideration will be given to methods of instruction and curricular material.

**Psy. 532 Studies in Child Adjustment and Guidance****2 cr.**

This course considers the problems of child adjustment in relation to causative factors. It stresses the dynamics of the child's need to make an adequate adjustment in his relations with other children and adults. The various causes of childhood maladjustment and the classroom teacher's function in remedial treatment will be explored. Case material will be used with direct application to specific problems.

**El. 531 Curriculum Problems in Elementary Education** 2 cr.

The curriculum will be studied in relation to local needs and resources. Special attention will be given to contemporary forms of organization and procedures for curriculum development. A student will concentrate his studies on a specific problem or area of interest.

**El. 533 Reading Disabilities of Elementary School Children** 2 cr.

This course will consider the identification, causes, and correction of reading disabilities. The mechanics, psychology of reading, and emotional factors involved will be studied.

**El. 541 Special Problems in Elementary Social Studies** 2 cr.

The content of the social studies in the elementary school as it contributes to world understanding and the American cultural heritage will be included in this course. Each student will concentrate his studies on a special problem or area of interest.

**El. 542 Arithmetic in the Elementary School** 2 cr.

An overview of the development of arithmetic as a part of the elementary school curriculum will be presented. It will emphasize curriculum development based upon research in arithmetic, special problems in the teaching of arithmetic and the literature which should be known to a teacher of arithmetic. Prerequisite: The Teaching of Arithmetic.

**El. 543 Resource Materials in Elementary Science** 2 cr.

This course is designed to give the elementary teacher experience with the literature, equipment, and materials used in teaching science in the elementary school. References dealing with experiments, demonstrations, and identification of plants and animals will be studied. Experiments and demonstrations will be emphasized. Science kits will be prepared which contain basic equipment that may be used in classroom situations. Field trips will be taken to observe materials in real life situations. Given in summer school only.

**El. 544 Recent Trends in Elementary Language Arts** 2 cr.

This course will deal with trends, problems, and recent contributions of research in the language arts. Areas will include elementary English, spelling, penmanship, and children's literature. Each student will concentrate his studies on a special problem or area of interest.

**El. 545 Experimental Studies in Art Education** 2 cr.

Teachers will undertake art experiences in various media as they are adapted to the provision of art experiences for the child. Emphasis will be placed on the stages of growth, type of motivation, and ways of administering stimuli. The class will study the exceptional child to learn to recognize and encourage evidences of art potential as well as wholesome self-expression.

**El. 546 Modern Procedures and Skills in Elementary Music** 2 cr.

The purpose of this course is to provide the elementary teachers with new developments and techniques recommended for music education.

**El. 516 Statistical Methods in Education** 2 cr.

The basic statistics needed by workers in education and psychology will be developed. A study will be made of central tendency, including the mean, median, and mode, as well as measure of dispersion. Correlation techniques will be studied extensively as well as newer statistical methods. Emphasis will be placed on the use of statistical techniques studied and on statistical interpretation. Prerequisite or concurrent registration: Elements of Research.

**Ed. 550 Thesis Project** 2 to 4 cr.

Students writing a thesis for credit will register for this course.

**III. Foundations of Education****Ed. 511 Historical Foundations of Education** 2 cr.

A study of the European influence on early American education, the development of the various types of schools and their modifications as influenced by educational movements at home and abroad, and the leaders connected with these movements will be presented.

**Ed. 512 Philosophy of Education** 2 cr.

This course will consider the new developments in scientific methodology, theories of curriculum and method, and the development of principles upon which to base instruction.

**Ed. 513 Social Foundations of Education** 2 cr.

This course will deal with those social and cultural forces which influence education and the ways in which education has been affected by them. Particular stress will be placed upon current problems as they relate to the entire educational system and to curricular problems and practices in today's schools.

**IV. Research Techniques****Ed. 515 Elements of Research** 2 cr.

Selection of a research problem, collection of data, types of research, the research report, and the use of the library in connection with the research problems will be studied. Elements of statistics are introduced. This course provides background for the preparation of the thesis or research project, and enables the student to become an intelligent consumer of the products of educational research.

## GRADUATE STUDY PROGRAM — SUMMER SESSIONS, 1958

Pre-Session	Main Session		Post Session
	7:45 - 8:40	9:20 - 10:15	
HPe. 521 Adv. Sem. in Health and Safety	IE 521 Problems in Family Living	Psy. 532 Studies in Child Adj and Guid.	El. 543 Resource Material in El. Science
Sci. 521 Recent Advances in Science	Zog. 521 Advanced Human Geography	El. 531 Curr. Problems in El. Education	El. 544 Recent Trends in El. Language Arts
El. 542 Arithmetic in El. School	FL. 522 Applied Linguistics	Ed. 515 Elements of Research	El. 545 Exper. Studies in Art Education
Bus. 521 Music Literature and Materials	Bus. 521 Economic Background of Business	Ed. 516 Statistical Methods in Education	El. 541 Special Problems in El. Soc. Studies
SS. 521 Contemporary American Issues	Math. 521 Basic Concepts in Mathematics	El. 533 Reading Dis. of El. School Children	El. 546 Modern Procedures & Skills in El. Music
Art 521 Contemporary Move. in Art	EngS. 523 Grammar of American English		Ed. 513 Social Foundations of Education
			EngS. 522 Principles and Prac. in Speech Improve.

**TENTATIVE SCHEDULE 1958 - 1959****Fall Semester**

Tuesday Evenings (7:30 - 9:10)

- EngS. 521 Studies in Modern European Fiction  
Art 521 Contemporary Movements in Art

Thursday Evenings (7:30 - 9:10)

- El. 542 Arithmetic in Elementary School  
Ed. 516 Statistical Methods in Education

Saturday Mornings:

(9:00 - 10:40)

- Geog. 521 Advanced Human Geography  
SS. 521 Contemporary American Issues

(10:50 - 12:30)

- Ed. 512 Philosophy of Education  
Ed. 515 Elements of Research

**Spring Semester**

Tuesday Evenings (7:30 - 9:10)

- EngS. 522 Principles and Practices in Speech Improvement  
Bus. 521 Economic Background of Business

Thursday Evenings (7:30 - 9:10)

- El. 533 Reading Disabilities of Elementary School Children  
Psy. 532 Studies in Child Adjustment and Guidance

Saturday Mornings:

(9:00 - 10:40)

- Art. 521 Contemporary Movements in Art  
Fl. 521 Language and Society

(10:50 - 12:30)

- Ed. 516 Statistical Methods in Education  
Ed. 513 Social Foundations of Education

## CALENDAR

June 1, 1958 — June 1, 1959

### Pre-Session, June, 1958

- June 2—Applications for admission to the Graduate Division, for all students who plan to take work during the Pre-Session must be filed at the Graduate Office on or before this date.
- June 10—Registration and payment of fees for all graduate students in Pre-session.
- June 11—Pre-session classes begin.\*
- June 16—Applications for admission to the graduate division, for all students who plan to take work during the Main Session must be filed at the Graduate Office on or before this date.
- June 25—End of classes, Pre-session.

### Main Session: \*

- June 30—Registration and payment of fees for all graduate students in Main Session.
- July 21—Applications for admission to the graduate division, for all students who plan to take work during the Post-session must be filed at the Graduate Office on or before this date.
- August 8—End of classes, Main Session.

### Post-Session :

- August 12—Registration and payment of fees for all graduate students in Post-Session.
- August 13—Classes begin, Post-session.\*
- August 27—End of classes, Post session.
- August 30—Applications for admission to the graduate division, for all students who plan to take work during the Fall Semester 1958-59, must be filed at the Graduate Office on or before this date.

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\* During the Pre-and Post-sessions classes will meet on eleven days. On each day there will be two sessions: one starting at eight o'clock and running to 9:15, with the second starting at 11:15 and running to 12:30. The classes will start on a Wednesday of the first week and continue Thursday and Friday. The second week will run Monday through Friday, and the third week Monday through Wednesday. This gives the student two week-ends for work and study. During Main Session graduate students may carry three courses. For each course there will be one class meeting for an hour in length per day.

## CALENDAR

### Fall Semester, 1958-1959:

September 16—Registration and payment of fees for all graduate students in Fall Semester.

September 18—Evening classes begin.

September 20—Saturday classes begin.

November 26—Thanksgiving recess begins.

December 1—Thanksgiving recess ends.

December 22—Christmas recess begins.

January 5—Christmas recess ends.

January 17—Applications for admission to the graduate division, for all students who plan to take work during the Spring Semester must be filed at the Graduate Office on or before this date.

January 17—Semester ends.

### Spring Semester, 1958-1959:

January 27—Registration and payment of fees for all graduate students in Spring Semester.

January 29—Evening classes begin.

January 31—Saturday classes begin.

March 25—Easter recess begins.

March 30—Easter recess ends.

May 18—Semester ends.

*(Continued From Page 6)*

### FL. 522 Applied Linguistics

2 cr.

This course is designed to contribute to two closely related objectives: a practical introduction to the reading of a foreign language (normally French or Spanish); and an examination of certain linguistic phenomena with particular reference to the foreign language in question and English. Attention is given to similarities and differences between the foreign language and English, their mutual influences, the cultural implication of these influences, and how language reflects culture and in turn modifies it.

### When to Apply for Admission

Application forms for admission may be obtained from the Graduate Office. Applicants are urged to complete the necessary steps for admission as soon as possible. Write to Dr. I. L. Straight, Director of Graduate Studies, State Teachers College, Indiana, Pennsylvania.

### Fees

Tuition Fee ..... \$15.00 per semester hour

Activity Fee. The activity fee for the regular summer session is \$5.00, and \$1.75 each for the pre- and the post-session.

### Scholarships

The Graduate Studies division of the Indiana State Teachers College looks forward to the time when an active scholarship aid program will be available to graduate students. The Board of Trustees of the Indiana State Teachers College has authorized the college Loan and Scholarship Committee to formulate plans for the diversion of some scholarship aid to be made available to meritorious graduate students. Further plans will be announced in later bulletins.

### College Catalog

Detailed information about the college, academic requirements, and names of faculty is available in the General Catalog. This catalog may be obtained by writing to the Registrar.

### Veterans

Indiana is approved to offer training under the Korean G.I. Bill (Public Law 550) and Public Law 894 (disabled Korean veterans). Students who are entitled to training under one of these bills should contact the Veterans Counselor immediately after being accepted for admission to Indiana. The Office of the Veterans' Counselor is in Room 101, Whitmyre Hall.

### Auditors

Students not eligible to enroll for credit or not interested in credit may enroll as auditors. Course fees are the same as those required of persons enrolled for credit.

### Graduate Council

I. L. Straight, Chairman

Edward W. Bieghler, Secretary

Ralph W. Cordier

William E. Lafranchi

Dwight Sollberger

John E. Davis

P. David Lott

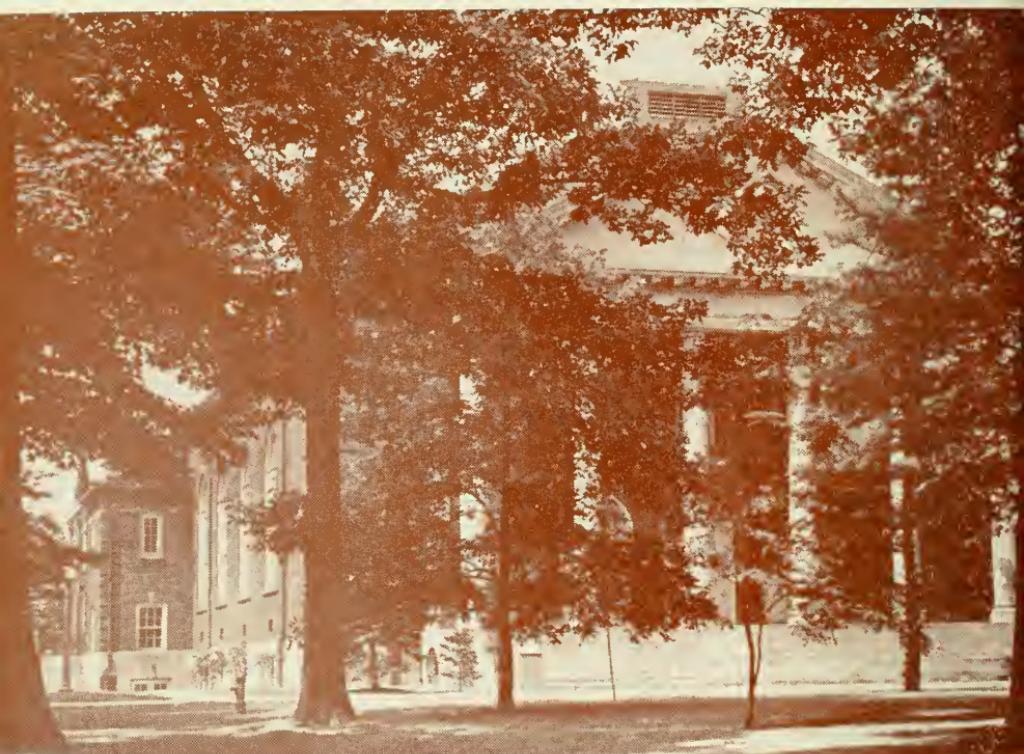
George A. W. Stouffer

S. Trevor Hadley

Joy E. Mahachek

Albert J. Wahl

Arthur F. Nicholson



From Oak Grove Toward Waller Gymnasium

McElhaney Hall from Oak Grove



## Notes

## Notes

Indiana State Teachers College  
Graduate Study Bulletin

The Master's Degree

February, 1959

Indiana, Pennsylvania

